

**WHAT IS CLAIMED:**

1. A sharps disposal assembly comprising:
  - a) a substantially rigid storage receptacle;
  - b) a cap for said receptacle comprising a flat top surface including a plate section, said plate section defining a plurality of openings into said receptacle;
  - c) a first wall means perpendicularly disposed downward from said plate section and having a width matching the length of a nose portion of a tube holder;
  - d) shelf means projecting horizontally from said first wall means; and
  - e) a second wall means projecting perpendicularly downward from said shelf means.
2. The assembly of Claim 1 further comprising a shoulder projecting from said second wall means.
3. The assembly of Claim 1 wherein said plate section is slanted downwardly at an angle from the plane of said top surface.
4. The assembly of Claim 1 wherein a first of said openings tapers from a wide end to a narrow end.

5. The assembly of Claim 1 wherein a second of said openings is substantially rectangular and dimensioned to receive a large medical article.

6. The assembly of Claim 1 wherein said flat top surface defines a third annular opening containing an insert to engage a needle holder.

7. The assembly of Claim 1 wherein said cap further comprises a flap to cover one of said openings.

8. A sharps disposal assembly comprising :
- a) a substantially rigid storage receptacle;
  - b) a cap for said receptacle having a flat top surface and a plate section, said plate section being slanted downwardly at an angle from the plane of said top surface and defining a plurality of openings into said receptacle, a first of said openings being a V-shaped unwinder opening;
  - c) a recess in said plate including said unwinder opening, said recess being bounded by a first vertical wall projecting downwardly from said plate section and circumscribing a horizontal platform, said platform connecting to a second vertical wall projecting downwardly from said platform and circumscribing a horizontal shelf, said shelf connecting to a third vertical wall, said second wall having a width matching the length of a nose portion of a tube holder; and
  - e) flaps affixed to said cap to cover said openings.

9. The assembly of Claim 8 wherein a second of said openings is substantially rectangular and dimensioned to receive a large medical article.

10. The assembly of Claim 9 wherein said flat top surface defines a third annular opening containing an insert to engage a needle holder.